

Title (en)

Intervertebral implant with improved shape of the fixing plate

Title (de)

Zwischenwirbelimplantat mit verbesserter Form der Fixierungsplatte

Title (fr)

Implant intervertébral présentant une forme améliorée de la plaque de fixation

Publication

EP 2628467 B1 20170426 (EN)

Application

EP 13155247 A 20130214

Priority

- EP 12155953 A 20120217
- EP 13155247 A 20130214

Abstract (en)

[origin: EP2628466A1] An Intervertebral implant (100) for the fusion between two vertebral bodies of a vertebral column comprising: - a fusion cage (1), extending from a posterior side to an anterior side, adapted to be interposed between two adjacent vertebral bodies of a patient; - a fixing plate (2) having at least one passageway (16); said fusion cage (1) and fixing plate (2) comprising cooperating features (8, 10, 19, 21) for fastening said fixing plate (2) on the anterior side of the fusion cage (1); said cooperating features (8, 10, 19, 21) comprising restraining means (8) and pivoting means (10, 19), said pivoting means (10, 19) being arranged to guide a rotation, about a pivot axis (x), of said fixing plate (2) with respect to said fusion cage (1), said rotation bringing the implant from a first configuration, in which the fixing plate (2) is freely displaceable in a posterior-anterior direction with respect to the fusion cage (1), to a second configuration in which the displacement of the fixing plate (2) in a posterior-anterior direction with respect to the fusion cage (1) is restrained by the restraining means (8).

IPC 8 full level

A61F 2/44 (2006.01); **A61B 17/17** (2006.01); **A61B 17/70** (2006.01); **A61F 2/28** (2006.01); **A61F 2/30** (2006.01)

CPC (source: EP US)

A61F 2/4455 (2013.01 - EP US); **A61F 2/4465** (2013.01 - EP US); **A61B 17/7059** (2013.01 - EP US); **A61F 2/30965** (2013.01 - EP US); **A61F 2/442** (2013.01 - EP US); **A61F 2002/2835** (2013.01 - EP US); **A61F 2002/3008** (2013.01 - EP US); **A61F 2002/30364** (2013.01 - US); **A61F 2002/30365** (2013.01 - EP US); **A61F 2002/30367** (2013.01 - EP US); **A61F 2002/30383** (2013.01 - EP US); **A61F 2002/30387** (2013.01 - EP US); **A61F 2002/30393** (2013.01 - EP US); **A61F 2002/30395** (2013.01 - EP US); **A61F 2002/304** (2013.01 - EP US); **A61F 2002/30401** (2013.01 - EP US); **A61F 2002/30426** (2013.01 - EP US); **A61F 2002/30492** (2013.01 - EP US); **A61F 2002/30507** (2013.01 - EP US); **A61F 2002/30517** (2013.01 - EP US); **A61F 2002/30578** (2013.01 - EP US); **A61F 2002/30593** (2013.01 - EP US); **A61F 2002/30604** (2013.01 - EP US); **A61F 2002/30607** (2013.01 - EP US); **A61F 2002/30616** (2013.01 - EP US); **A61F 2002/30774** (2013.01 - EP US); **A61F 2002/30777** (2013.01 - EP US); **A61F 2002/30787** (2013.01 - EP US); **A61F 2002/30789** (2013.01 - EP US); **A61F 2002/3079** (2013.01 - EP US); **A61F 2002/30841** (2013.01 - EP US); **A61F 2002/30843** (2013.01 - EP US); **A61F 2310/00023** (2013.01 - EP US); **A61F 2310/00796** (2013.01 - EP US)

Cited by

US10166114B2; WO2014125428A1; US9943417B2; US10052212B2; US11413159B2; US11717421B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2628466 A1 20130821; **EP 2628466 B1 20170405**; AU 2013200734 A1 20130905; AU 2013200734 B2 20150924; CN 103251465 A 20130821; CN 103251465 B 20170301; EP 2628467 A1 20130821; EP 2628467 B1 20170426; ES 2628444 T3 20170802; ES 2633197 T3 20170919; ES 2745732 T3 20200303; JP 2013169465 A 20130902; JP 6009961 B2 20161019; US 10052212 B2 20180821; US 2013218276 A1 20130822

DOCDB simple family (application)

EP 12155953 A 20120217; AU 2013200734 A 20130212; CN 201310051920 A 20130217; EP 13155247 A 20130214; ES 12155953 T 20120217; ES 13155247 T 20130214; ES 14707244 T 20140213; JP 2013024275 A 20130212; US 201313767202 A 20130214